



Gulf of Mexico Harmful Algal Bloom Bulletin

Region: Texas

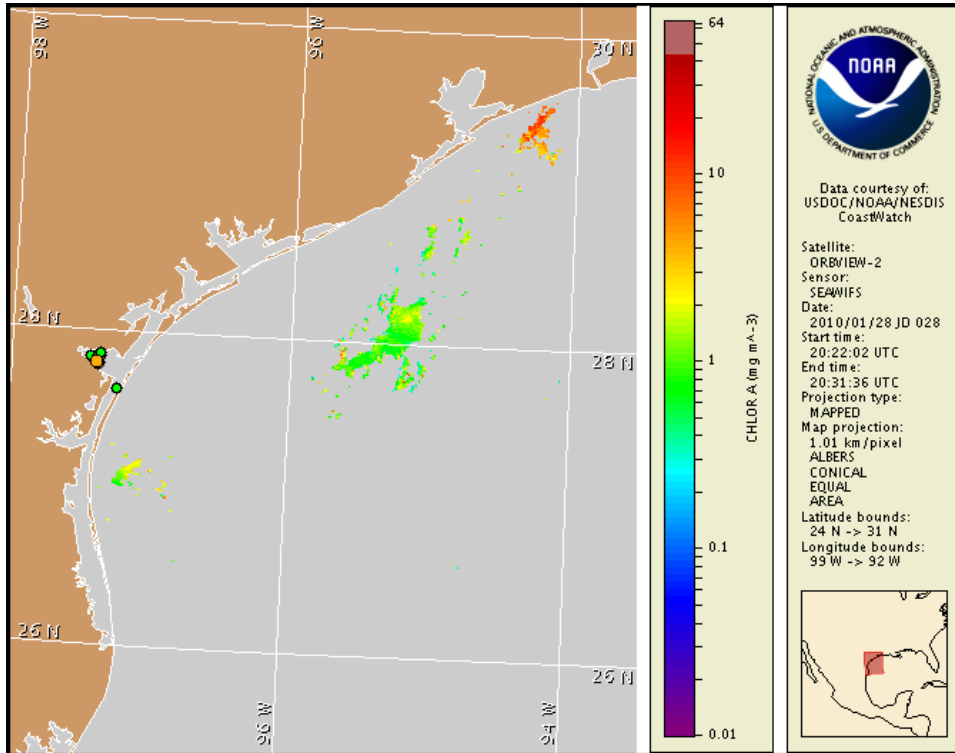
2 February 2010

NOAA Ocean Service

NOAA Satellites and Information Service

NOAA National Weather Service

Last bulletin: January 26, 2010



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from January 25 to February 1 shown as red (high), orange (medium), yellow (low b), brown (low a), blue (very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide:

http://tidesandcurrents.noaa.gov/hab/habfs_bulletin_guide.pdf

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.

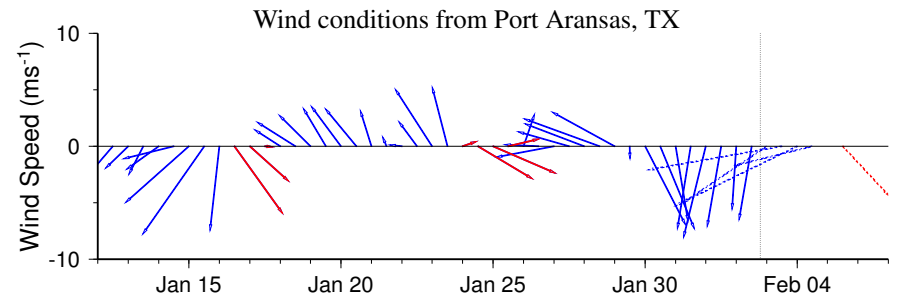
Conditions Report

A harmful algal bloom continues in the vicinity of Corpus Christi Bay. Very low impacts are possible within the Bay this week.

Analysis

A harmful algal bloom continues, but appears to be decreasing, in Corpus Christi Bay. While imagery is obscured by clouds, the state has measured low concentrations of *K. brevis* at the Nueces Bay boat launch, Corpus Christi marina and the breakwater near Harbor Bridge. The blooms seems to be dissipating as cell counts appear to be decreasing and there have been no impacts in association with this bloom in four weeks.

-Tomlinson, Neff

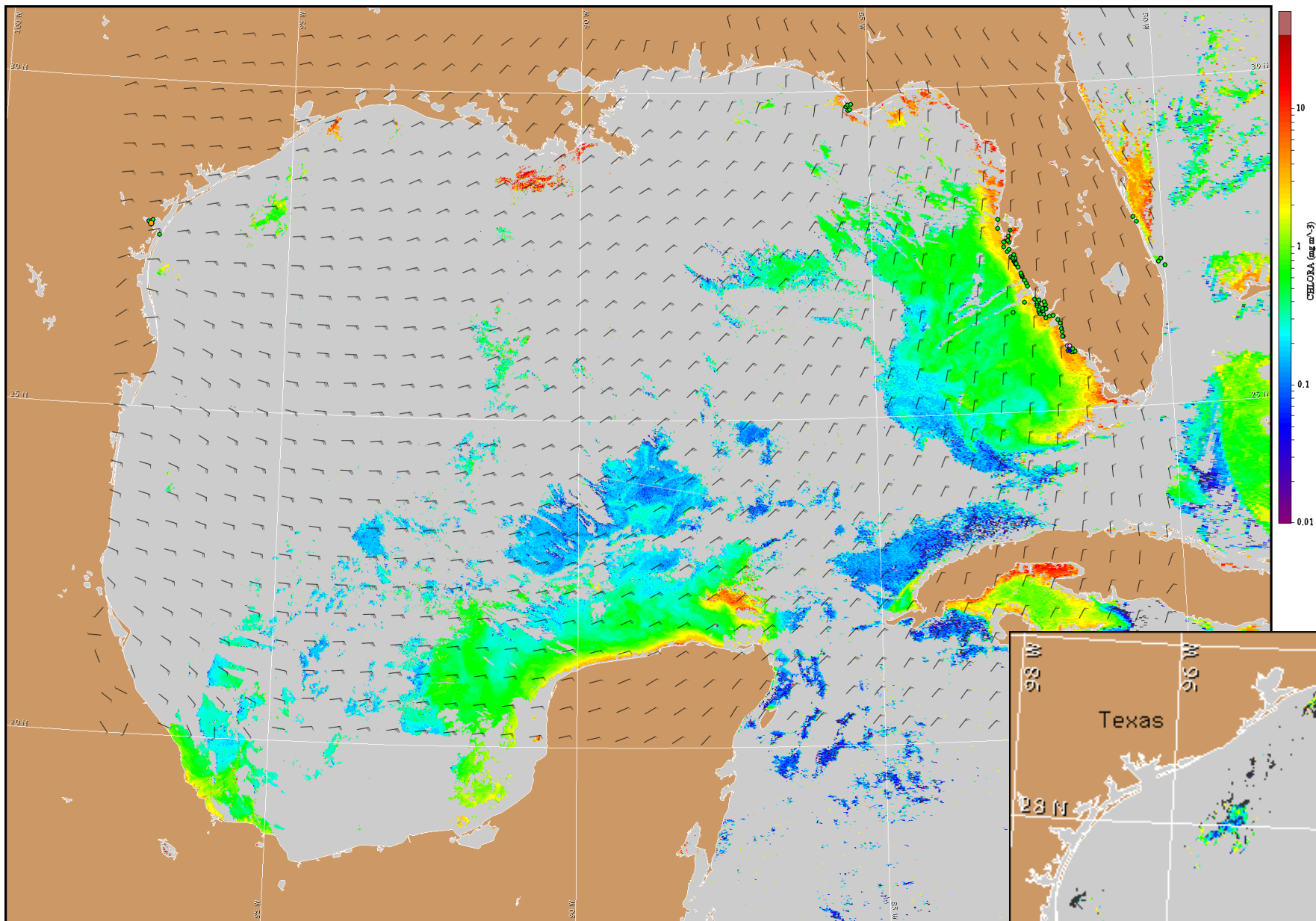


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts. Wind observation and forecast data provided by NOAA's National Weather Service (NWS).

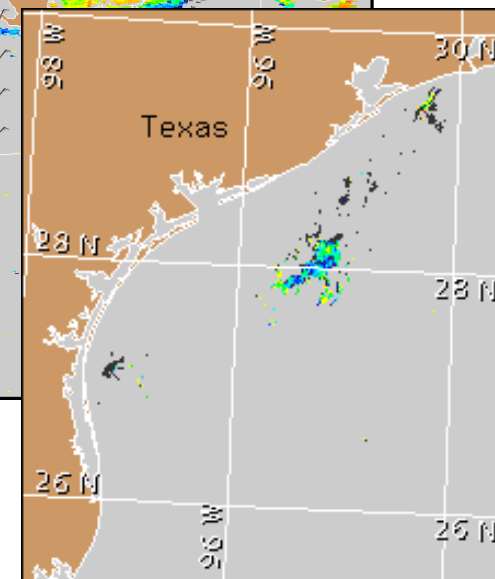
Wind Analysis

Northeasterly winds (15-20 knots) are expected through tonight. Strong easterlies (25-30 knots) tomorrow will shift northeasterly in the evening through Thursday. Winds are expected to decrease on Friday and shift to northwesterlies.

To see previous bulletins and forecasts for other Harmful Algal Bloom Bulletin regions, visit the NOAA CoastWatch bulletin archive: http://coastwatch.noaa.gov/hab/bulletins_ns.htm



Satellite chlorophyll image and forecast winds for February 3, 2010 12Z with Cell concentration sampling data from January 25 to February 1 shown as red (high), orange (medium), yellow (low b), brown (low a), blue(very low b), purple (very low a), pink (present), and green (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://tidesandcurrents.noaa.gov/hab/habfs_bulletin_guide.pdf



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).